

Light-Industrial 2D Handheld Barcode Scanner SC460

The SC460 is a high-performance Light-Industrial 2D wired barcode scanner designed for fast, reliable scanning in retail, logistics, and commercial environments. Built with a 1280 × 800 imaging sensor, it delivers strong decoding performance on 1D and 2D barcodes, including damaged, low-contrast, and mobile payment codes.

With support for USB HID, USB-VCOM, and RS-232, the SC460 integrates easily with most POS systems and software platforms. Its auto-sense and manual scanning modes, combined with a long scan distance and wide field of view, make it ideal for high-throughput counters and hands-free applications.



Features:

- Advanced 1280 × 800 high-resolution 2D imaging engine ensures fast and reliable 1D/2D barcode decoding.
- Wide field of view provides comfortable, intuitive scanning for faster operation and improved efficiency.
- 1.5mt (5ft) Drop Resistance
- Mobile Devices Reading: Scans coupons, mobile tickets and digital wallets from the screens.
- Compatible Operating Systems: Windows, Mac OS, Linux, Android, IOS
- Auto-Sense & Manual Scan Modes offering bot hands-free presentation for flexibility.

Physical

Construction	ABS + TPU +PC
Color	Dark Gray and Black
Dimensions	184mm (H) x 94.2mm (D) x 76.4mm (W)
Weight	Scanner: 171g With Base: 208g
Cable	Standard 1.8m straight

Features

Scan Rate	60 Frames per second
Depth of field	6cm - 36cm (13mil PCS90%)
Antiknock design	Withstand 1.5m (5 ft.) drops
life of button	1 million scans
Interface	USB, RS232 and USB Virtual Com
Compatibility	Windows, Linux, Android, Mac OS, iOS

Performance

Optical System	1280 x 800 pixels
Resolution	3 mil
Aim Light Source	Red Laser
Light Source	White Led
Field of View	Horizontal: 40.0°, Vertical: 30.4°
Print Contrast	15% @ UPC/EAN 100%
Photo Sensor	CMOS Array Sensor
Visual Indicator/Display	LED indicator light, Speaker
Decode Capability 1D	Codabar, Code11, Code39, Code32, Interleaved 2 of 5,Industrial 2 of 5,Matrix 2 of 5, Code93, Code128, GS1-128,UPC-A,UPC-E,EAN 8,EAN 13, GS1 DataBar (RSS14, GS1 DataBar Limited, GS1 DataBar Exp. more
Decode Capability 2D	PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code

Electrical

Voltage	5V DC +/- 10%
Power consumption	280mA Max
Static Current	42mA
Electrical Safety	IEC60950
EMI/RFI	FCC 47 CFR Part 15 :2025

Environmental

Operating Temperature	-10°C to 50°C (14°F to 122°F)
Operating Humidity	5% to 90% relative humidity, non-condensing
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Humidity	5% to 90% relative humidity, non-condensing
Light Levels	100,000 Lux max

Packaging

In the Box	Scanner, Cable, Stand & User Manual
Carton Size	233mm x 150mm x 83.5mm
Gross Weight(kg)	0.60Kg.
Warranty	1 Year